

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sam Clark Werner

Docket: TUC920020121US1 (16093)

Serial No.: Unassigned

Dated: December 10, 2003

Filed: Herewith

For: IMPROVEMENT FOR PPRC BACKUP SYSTEMS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. U.S. Patent No. 6,408,348, issued June 18, 2002 to Blount, et al.;
2. U.S. Patent No. 6,351,792, issued February 26, 2002 to Milillo;
3. U.S. Patent No. 6,349,350, issued February 19, 2002 to Hathorn, et al.;
4. U.S. Patent No. 6,304,980, issued October 16, 2001 to Beardsley, et al.;
5. U.S. Patent No. 6,199,074, issued March 6, 2001 to Kern, et al.;

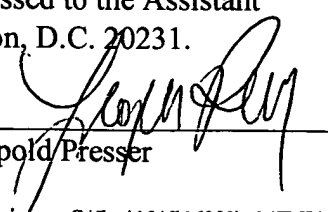
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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Dated: December 10, 2003


Leopold Presser

6. U.S. Patent No. 6,185,652, issued February 6, 2001 to Shek, et al.;
7. U.S. Patent No. 6,131,148, issued October 10, 2000 to West, et al.;
8. U.S. Patent No. 6,105,078, issued August 15, 2000 to Crockett, et al.;
9. U.S. Patent No. 6,088,697, issued July 11, 2000 to Crockett, et al.;
10. U.S. Patent No. 6,044,444, issued March 28, 2000 to Ofek;
11. U.S. Patent No. 5,920,695, issued July 6, 1999 to Hathorn, et al.;
12. U.S. Patent No. 5,894,583, issued April 13, 1999 to Johnson, et al.;
13. International Publication No. WO 01/73554 A2, dated October 4, 2001;
14. International Publication No. WO 01/67247 A1, dated September 13, 2001;
15. "IBM ESS (Shark) and SANsymphonyTM Software – An IBM TotalStorage ProvenTM Solution", DataCore Software Corporation, July 2002, pp. 1-6; and
16. "J. Consoli, "Achieving Disaster Recovery Preparedness in PPRC Environments", INRANGE Technologies, pp. 1-31.

Applicants are submitting copies of the above-cited non-U.S. references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §1.97(b), no petition, certification or fee is required.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) TUC920020121US1 (16093)		Application Number Unassigned		
				Applicant(s) Sam Clark Werner				
				Filing Date Herewith		Group Art Unit Unassigned		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6,408,348	06/18/02	Blount, et al				
		6,351,792	02/26/02	Milillo				
		6,349,350	02/19/02	Hathorn, et al				
		6,304,980	10/16/01	Beardsley, et al				
		6,199,074	03/06/01	Kern, et al				
		6,185,652	02/06/01	Shek, et al				
		6,131,148	10/10/00	West, et al				
		6,105,078	08/15/00	Crockett, et al				
		6,088,697	07/11/00	Crockett, et al				
		6,044,444	03/28/00	Ofek				
		5,920,695	07/06/99	Hathorn, et al				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 01/73554 A2	10/04/01	PCT				
		WO 01/67247 A1	09/13/01	PCT				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		"IBM ESS (Shark) and SANsymphony TM Software - An IBM TotalStorage Proven TM Solution", DataCore Software Corporation, July 2002, pp. 1-6						
		"J. Consoli, "Achieving Disaster Recovery Preparedness in PPRC Environments", INRANGE Technologies, pp. 1-31						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

